EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

Exchanging Messages between Eurokom and CERN

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Abstract

This technical note describes how to send messages from the Eurokom machine to any other E-mail address in CERN and from CERN to the Eurokom machine. The Eurokom mail sending facility and the command files prepared to distribute messages from Eurokom are also described.

Geneva, Switzerland

Contents

1 The Eurokom Mail Sending Facility

Eurokom has one General Purpose Network User called "Mailer at Eurokom". The mail system of Eurokom periodically extracts letters that have been sent to "Mailer at Eurokom" and forwards them to the Eurokom Mail System which has gateways to other networks. The mail system decides which network the message must go to and sends it to the relevant gateway. The message is then sent to the users identified in the first lines of the message.

1.1 Sending Mail from Eurokom to CERN

In order to send a message to CERN, one has to send a letter to "Mailer at Eurokom" and then in the first line of the letter's text, enter "%TO:" followed by the address of the intended recipient. To add further recipients of the letter, additional lines with "%TO:" followed by the recipient's address have to be included. There can only be one address per line. When all the message recipients have been listed, the actual text of the message has to be entered. For example if you wish to send a message to users "xxx" and "yyy" at cernvm.cern.ch, then you have to enter the following commands at the prompt of the "Mail/Conferencing" subsystem of Eurokom (the commands typed by the user are indicated with bold, the answer of the machine with italic):

- letter MAILER at Eurokom

(Send a) letter (to) **MAILER at Eurokom**

Receiver: **MAILER at Eurokom**

Subject: **Example**

*** Please enter your message text now. ***

%TO:xxx@cernvm.cern.ch

%TO:yyy@cernvm.cern.ch

This is an example message

!enter

(12345) entered 12:34

Receiver

MAILER at Eurokom

The last line of the message must contain "!enter" at the beginning of the line. This command finishes the message text and sends the message to "Mailer at Eurokom". This last line is not included in the sent message.

1.2 Sending Mail from CERN to Eurokom

The mail address for a Eurokom user or conference is: "user_name@eurokom.ie" or "conference_name@eurokom.ie". Spaces included in the Eurokom name should be replaced by underscores. For example the address of Fabien Perriollat at Eurokom is "Fabien_Perriollat_CERN@eurokom.ie" and the address of the ARCHON p2256 conference is "archon_p2256@eurokom.ie". It is recommended to send messages to Eurokom from the cernvm or priam computer, because the Sun computers or the workstations may have problems in finding the correct mailer.

2 Using Command Files at Eurokom

Each Eurokom user is allocated storage space on the Eurokom host computer, which runs the VMS operating system. To access your directory on the Eurokom host computer, first access the "Mail/Conferencing" service, then, at the prompt issue the command "Call Monitor". This command takes you into the host computer's operating system, and the $ prompt is displayed. You can now issue commands to the host computer's operating system and examine your Eurokom files.

Your Eurokom directory includes files with detailed monthly report on the billing of the usage of the Eurokom services. These files are called for example like "MAY-91-USAGE-DETAILS.TXT".

The Eurokom directory also includes command files to distribute the newly received Eurokom messages to users at CERN (SEND.COM) and to send reviewed Eurokom entries to individual users at CERN (PERR.COM, PSK.COM, MAL.COM, VAR.COM, FUCHSJ.COM).

2.1 Distributing Unseen Entries from Eurokom

Unseen entries from Eurokom can be distributed to users at CERN with the SEND.COM command file. This command file contains the following Eurokom commands:

```
save entry

all unseen

send.text

letter mailer at eurokom

 All unseen entries from Eurokom

%TO:perrioll@cernvm.cern.ch

%TO:pskpsk@cernvm.cern.ch

%TO:varga@cernvm.cern.ch

%TO:fuchsj@cernvm.cern.ch

%TO:mal@cernvm.cern.ch

%TO:pasinell@cernvm.cern.ch
```

!reassign input file send.text

These commands entered at the prompt of the "Mail/Conferencing" subsystem of Eurokom do the following: All unseen entries at the currently visited conference or the mailbox are saved in the SEND.TEXT VMS file. The saved entries still remain unseen, so they can be read later. A new letter is sent to "Mailer at Eurokom". The first lines of this letter specify the intended recipients of the message, and then the content of the just created SEND.TEXT file is copied into the letter. This letter can be sent by entering the "enter" command at the prompt of the "Mail/Conferencing" system.

If you want to distribute all the unseen messages for example in the ARCHON p2256 conference, then you have to first join this conference, then execute the SEND.COM command file from Eurokom, and at last enter the "enter" command. The following example shows how it can be done:

- join archon p2256

Join (conference) archon p2256

The title of the conference is: archon p2256

You have 3 unseen entries.

What do you want to do? (Read) next notice, Quit, Other.

- reassign input file send.com

Reassign input (from) file SEND.COM

Now input is reassigned to file

 Save entry

Review which entries?

- all unseen

File name?

- Save entry all unseen SEND.TEXT

 3 entries reviewed

(Write a) letter (to) MAILER at EuroKom

Receiver: MAILER at EuroKom

Subject: *** Please enter your message text now. ***

 Reassign input (from) file SEND.TEXT

Now input is reassigned to file

 *** Please enter your message text now. ***

What do you want to do with this entry? Continue, Enter (it), Type (the text),

Cancel it, Erase (line above), Add receiver, Other.

- enter

Enter (it)

(72804) entered 11:20

Receiver

MAILER at Eurokom

2.2 Sending a Reviewed Entry from Eurokom to CERN

You can review an entry in Eurokom and send it to an individual user at CERN with the following command files: PERR.COM, PSK.COM, MAL.COM, VAR.COM, FUCHSJ.COM. The contents of these files are similar, except the user to which the reviewed entry has to be sent. For example the VAR.COM file contains the following Eurokom commands:

save entry

72058

send.text

letter mailer at eurokom

 A reviewed entry from Eurokom

%TO:varga@cernvm.cern.ch

!reassign input file send.text

These commands entered at the prompt of the "Mail/Conferencing" subsystem of Eurokom do the following: The 72058 entry is saved in the SEND.TEXT VMS file. A new letter is sent to "Mailer at Eurokom". The first line of this letter specifies the intended recipient of the message, and then the content of the just created SEND.TEXT file is copied into the letter. This letter can be sent by entering the "enter" command at the prompt of the "Mail/Conferencing" system.

If you want to send a reviewed entry to CERN you have to edit the above mentioned command files with the line editor of VMS. The line editor is recommended, because the line editor makes less traffic (cheaper) and it can be used even from the Norsk Data terminal. With the editor you have to edit the number of the entry to be reviewed. After saving the edited command file, you have to execute these commands at the prompt of the Eurokom "Mail/Conferencing" subsystem. The newly created message can be sent to the recipient by entering the "enter" command. The following is an example how to do it:

What do you want to do? (Get) daytime, List active (conferences), (Become)

member (of), (Write a) letter (to), Quit, Other.

- call monitor

Call monitor

$ edit var.com

---

1 save entry

*<CR>

2 72058

*del

1 line deleted

  3 send.text

*i ;12345

3 send.text

*exit

US$:[FPERRIOLLAT]VAR.COM;2 10 lines

$ logout

What do you want to do? (Join) next conference <APXON management>,

(Write a) letter (to), Quit, Other.

- reassign input file var.com

Reassign input (from) file VAR.COM

Now input is reassigned to file

  Save entry

Review which entries?

- 12345

File name?

- Save entry 12345 SEND.TEXT

1 entries reviewed

(Write a) letter (to) MAILER at EuroKom

Receiver: MAILER at EuroKom

Subject: *** Please enter your message text now. ***

Reassign input (from) file SEND.TEXT

Now input is reassigned to file

*** Please enter your message text now. ***

What do you want to do with this entry? Continue, Enter (it), Type (the text),

Cancel it, Erase (line above), Add receiver, Other.

- enter

Enter (it)

(72804) entered 11:20

Receiver

3 Administering Files in the Eurokom Directory

Since the above mentioned command files create files to store reviewed entries and also when the command files are edited new versions are created, the VMS directory of the Eurokom account has to be cleaned time to time. This can be done with the following command at the VMS prompt:

$ purge /keep=2

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